

B¹ heat treating said impregnated combustible material at an elevated temperature to dehydrate said silicate solution to form a soluble silicate substance within the pores of said combustible material and further heat treating said soluble silicate within said pores to cause said soluble silicate to become less soluble in water.

B² 24. (Amended) A process of imparting fire retardant and moisture resistant properties to a cellulosic material comprising applying and infusing a material consisting of a sodium silicate solution, applying energy to said material under sufficient conditions to thereby cause the alkali metal silicate to become water insoluble.
